

# SEQUENCE LISTING

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<120> ANTIBIOTICS BASED UPON BACTERIOPHAGE LYSIS PROTEINS

<130> P01886US1;10020446

<140> 09/626,036

<141> 2000-07-27

<150> 60/146,455

<151> 1999-07-30

<160> 2

<170> PatentIn version 3.0

<210> 1

<211> 91

<212> PRT

<213> Bacteriophage phi-X174

<400> 1

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Ser Leu Leu Leu Pro Ser Leu Leu Ile Met Phe Ile Pro Ser Thr Phe
              20              25              30

Lys Arg Pro Val Ser Ser Trp Lys Ala Leu Asn Leu Arg Lys Thr Leu
              35              40              45

Leu Met Ala Ser Ser Val Arg Leu Lys Pro Leu Asn Cys Ser Arg Leu
              50              55              60

Pro Cys Val Tyr Ala Gln Glu Thr Leu Thr Phe Leu Leu Thr Gln Lys
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Lys Thr Cys Val Lys Asn Tyr Val Arg Lys Glu
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<211> 419

<212> PRT

<213> Escherichia coli

<400> 2

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              20              25              30

Leu Leu Ala Glu Glu Pro Val Glu Ile Gln Asn Val Pro Lys Leu Lys
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Cys	Ala	Pro	Tyr	Asp	Leu	Val	Lys	Thr	Met	Arg	Ala	Ser	Ile	Trp	Ala
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Leu	Gly	Pro	Leu	Val	Ala	Arg	Phe	Gly	Gln	Gly	Gln	Val	Ser	Leu	Pro
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Val	Ser	Val	Gly	Ala	Thr	Val	Thr	Ile	Met	Cys	Ala	Ala	Thr	Leu	Ala
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Glu	Gly	Thr	Thr	Ile	Ile	Glu	Asn	Ala	Ala	Arg	Glu	Pro	Glu	Ile	Val
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Asp	Thr	Ala	Asn	Phe	Leu	Ile	Thr	Leu	Gly	Ala	Lys	Ile	Ser	Gly	Gln
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Val	Tyr	Arg	Val	Leu	Pro	Asp	Arg	Ile	Glu	Thr	Gly	Thr	Phe	Leu	Val
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Ala	Ala	Ala	Ile	Ser	Arg	Gly	Lys	Ile	Ile	Cys	Arg	Asn	Ala	Gln	Pro
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Gly	Phe	Ile	Thr	Glu	Thr	Val	Phe	Glu	Asn	Arg	Phe	Met	His	Val	Pro
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Asp Leu Arg Ala Ser Ala Ser Leu Val Leu Ala Gly Cys Ile Ala Glu  
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Gly Thr Thr Val Val Asp Arg Ile Tyr His Ile Asp Arg Gly Tyr Glu  
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Arg Ile Glu Asp Lys Leu Arg Ala Leu Gly Ala Asn Ile Glu Arg Val  
405 410 415

Lys Gly Glu